

Growth Differentiation Factor 15 (hGDF15) Active Protein | hGDF15 active protein

Recombinant Mouse Growth Differentiation Factor 15 (hGDF15)

CATALOG # AAA60569	HOST E Coli
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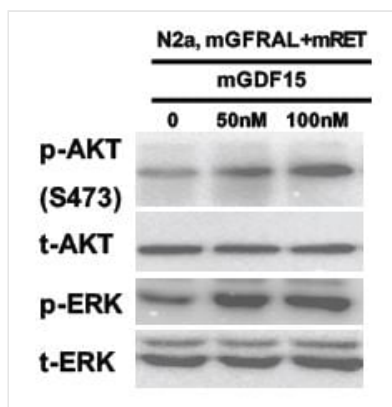
PRODUCT SYNONYMS

Growth Differentiation Factor 15 (hGDF15); Recombinant Mouse Growth Differentiation Factor 15 (hGDF15); Growth Differentiation Factor 15; MIC-1; PDF; NAG-1; hGDF15 active protein

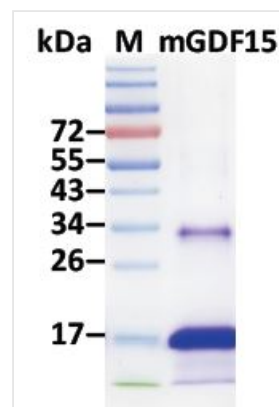
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%, determined by SDS-PAGE
Form/Format	Lyophilized at 1mg/mL in Tris 50mM glycerol 20% (v/v), pH8.0.
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSENLV FQGSAHAHPR DSCPLGPGRC CHLETVQATL EDLGWSDWVL SPRQLQLSMC VGECPLYRS ANTHAQIKAR LHGLQPKVP APCCVPSSYT PVVLMHRTDS GVSLQTYDDL VARGCHCA
Species	Mouse
Endotoxin Level	<0.2EU/ug, determined by LAL Test
Tag	N-terminal 6xHis Note: 6xhis tag, EK cleavage site and TEV site are highlighted
Reconstitution	Add deionized water to prepare a working stock solution of approximately 1mg/mL and let the lyophilized pellet dissolve completely.
Bioactivity Test	Recombinant mGDF15 is able to activate AKT phosphorylation in N2a cells stably expressing GFRAL and RET, which are receptor and co-receptor of GDF15.
Preparation and Storage	Store lyophilized protein at -20 degree C. Aliquot reconstituted protein and store at -80 degree C. Avoid repeated freezing /thawing cycles.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for hGDF15 active protein	GDF-15 belongs to the transforming growth factor beta superfamily. It is synthesized as a 62-kDa precursor protein, which, after cleavage by furin-like protease, is secreted as 25-kDa disulfidelinked dimer. GDF15 is an important regulator of appetite and energy homeostasis. It exerts its effects via its receptor called glial-derived neurotrophic factor (GDNF) receptor alpha-like (GFRAL).
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/growth-differentiation-factor-15-hgdf15/60569>